

DERWENT-ACC-NO: 1998-489408  
DERWENT-WEEK: 199927  
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TITLE: Composite material for slidable sealing member e.g.  
mechanical sealing  
member or a bearing member - has carbon base material with  
predetermined  
thickness of silicon carbide layer in which silicon carbide  
particles are  
uniformly dispersed

PATENT-ASSIGNEE: TOYO TANSO CO[TOTAN]

PRIORITY-DATA: 1997JP-0031114 (January 29, 1997)

PATENT-FAMILY:

PUB-NO	PUB-DATE	LANGUAGE
PAGES	MAIN-IPC	
JP 10212182 A	August 11, 1998	N/A
010	C04B 041/87	

APPLICATION-DATA:

PUB-NO	APPL-DESCRIPTOR	APPL-NO
APPL-DATE		
JP 10212182A	N/A	1997JP-0031114
January 29, 1997		

INT-CL (IPC): C04B035/52; C04B041/87 ; F16J001/02 ;  
F16J009/26 ;  
F16J010/00 ; F16J015/34

ABSTRACTED-PUB-NO: JP 10212182A

BASIC-ABSTRACT: The composite material consists of a carbon  
base material on  
whose surface a silicon carbide layer of thickness greater  
than 1mm is formed.  
The silicon carbide particles are uniformly dispersed in  
the silicon carbide  
layer along its thickness.

ADVANTAGE - Productivity of the composite material is  
improved. The  
manufacturing method is simple and reliable.

CHOSEN-DRAWING: Dwg.1/5

TITLE-TERMS:

COMPOSITE MATERIAL SLIDE SEAL MEMBER MECHANICAL SEAL MEMBER  
BEARING MEMBER

CARBON BASE MATERIAL PREDETERMINED THICK SILICON CARBIDE  
LAYER SILICON CARBIDE  
PARTICLE UNIFORM DISPERSE

DERWENT-CLASS: L02 Q65

CPI-CODES: L02-H02A;

UNLINKED-DERWENT-REGISTRY-NUMBERS: 1247U; 1669U

SECONDARY-ACC-NO:

CPI Secondary Accession Numbers: C1998-147455

Non-CPI Secondary Accession Numbers: N1998-382809